



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Hiroshi Touge et al.

Application No.: 10/575,987

Filing Date: April 17, 2006

Title: PROXIMITY SENSOR

) **MAIL STOP AMENDMENT**

) Group Art Unit: 3662

) Examiner: DANIEL T PIHULIC

) Confirmation No.: 7035

**THIRD  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a THIRD Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

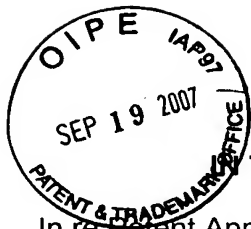
BUCHANAN INGERSOLL & ROONEY PC

Date September 19, 2007

By: *Matthew L. Schneider*

Matthew L. Schneider  
Registration No. 32814

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620



Patent

Attorney Docket No. 1011695-000006

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Hiroshi Touge et al.

Application No.: 10/575,987

Filed: April 17, 2006

For: PROXIMITY SENSOR

) **MAIL STOP AMENDMENT**

) Group Art Unit: 3662

) Examiner: DANIEL T PIHULIC

) Confirmation No.: 7035

**THIRD INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, applicants hereby cite certain documents identified in four (4) Official Actions issued by the Japanese Patent Office, concerning the corresponding Japanese priority patent applications numbers JP 2003-358227, JP 2003-358228, JP 2003-363422 and JP 2003-370556, and in an Official Action issued by the Korean Patent Office, concerning the corresponding Korean patent application number 10-2006-7006870, in conformance with the provisions of 37 C.F.R. §§ 1.97 and 1.98. A copy of the Korean Official Action and each of the four (4) Japanese Official Actions is attached hereto. English translations are provided for the four (4) Japanese Official Actions.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the cited documents, other than the U.S. patents, is enclosed.

Applicants note that JP 15-021677, identified in the Korean Official Action, was previously cited (as JP 2003-21677) and a copy provided in the First Information Disclosure Statement filed in the present application on April 17, 2006, and is therefore not cited in this Information Disclosure Statement. In addition, Applicants note that Japanese Laid Open Patent Publication No. 2003-36484, identified in the Official Action issued in JP 2003-358228 and in the Official Action issued in JP 2003-363422, and Japanese Laid Open Patent Publication No. 2000-31808, identified in the Official Action issued in JP 2003-358227, were previously cited and copies provided in the Second Information Disclosure Statement filed in the present application on March 14, 2007, and are therefore not cited in this Information Disclosure Statement.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever

is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

This submission does not represent that a search has been made or that no better prior art exists; and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior against any claim in the application and Applicants determine that the cited documents do not constitute prior art under U. S. law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

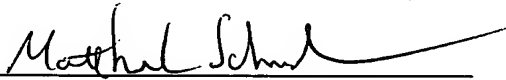
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: September 19, 2007

By:



Matthew L. Schneider

Registration No. 32814

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620